

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S66	2	"20040200522"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 15:05
S67	0	538-371	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 15:08
S68	12	"5380371"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 15:08

S69	39	"5476553"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 15:09
S70	18	136/244,291,293.ccls. and bifacial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:58
S71	0	320/101.ccls. and bifacial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:59
S72	821	320/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:59

S73	477	320/101.ccls. and solar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:59
S74	43	320/101.ccls. and solar and dual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:59
S75	20	323/906.ccls. and solar and dual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:59
S76	8	363/70,95,97.ccls. and solar and dual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 16:59

S77	171	136/244,291,293.ccls. and dual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:27
S78	12	136/244,291,293.ccls. and ((dual adj side) or (double adj side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:29
S79	176	(bifacial and (photovolt\$4 or solar or pv or photoelectric or optoelectronic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:32
S80	11599	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:40

S81	1208	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic)) and sided	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:40
S82	9296	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic)) and side \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:40
S83	8894	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:40
S84	6103	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second) and cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:41

S85	2841	(dual and (module or array) and (photovoltaic or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second) and cell and (insulating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:41
S86	971	(dual and (module or array) and (photovoltaic or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second) and cell and (electrically insulating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:42
S87	120	(dual and (module or array) and (photovoltaic or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second) and cell and (electrically insulating) and (photovoltaic or solar or pv or photoelectric or optoelectronic).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:42

S88	121	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second) and cell and (electric\$5 adj insulat\$4) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:43
S89	121	(dual and (module or array) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic)) and side \$1 and (first and second) and cell and (electric\$5 adj insulat\$4) and (photovolt\$4 or solar or pv or photoelectric or optoelectronic).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 17:53
S90	5	"5368654"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/07 15:36

S91	2095	kyocera.as. and solar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/07 15:43
S92	726	kyocera.as. and solar and battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/07 15:43
S93	1	S92 and dual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/07 15:44
S94	60	kyocera.as. and solar and battery and face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/07 15:44



S95	51	kyocera.as. and solar and battery and face and solar.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/07 15:45
S96	1	solar same back adj to adj back	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 14:57
S97	12	"4633030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 14:57
S98	2	(solar or pv or photovoltaic) same back adj to adj back	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:15

S100	2	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and back adj to adj back	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:16
S101	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and bifacial and module and back adj to adj back	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:17
S102	104	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and bifacial and module	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:17
S103	33	("5394005").URPN.	USPAT	OR	OFF	2009/11/08 15:18

S104	52	("3565703"   "3712709"   "3767980"   "3773553"   "4244759"   "4367368"   "4395583"   "4487989"   "4531142"   "4590327"   "4633030"   "4739383"   "4832459"   "4918497"   "4947218"   "5027168"   "5061972"   "5093576"). PN. OR ("5394005"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 15:18
S105	34	("3565703"   "3712709"   "3767980"   "3773553"   "4244759"   "4367368"   "4395583"   "4487989"   "4531142"   "4590327"   "4633030"   "4739383"   "4832459"   "4918497"   "4947218"   "5027168"   "5061972"   "5093576"). PN. OR ("5394005"). URPN. and back	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/08 15:19
S106	0	CA1056486	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 15:27

S107	4069950	CA "1056486"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 15:27
S108	27	"1056486"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/08 15:27
S109	6	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and bifacial and module and (bifacial adj module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:41
S110	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic)and module and (dual adj side \$1 adj module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:42

S111	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and module and (dual adj side \$1 adj module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:42
S112	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and(dual adj side\$1 adj module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:43
S113	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and (dual adj side\$1 adj module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:44
S114	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and (dual adj side\$1 adj array)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:44

S115	0	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and (dual adj side adj array)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:44
S116	145	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and (dual adj side)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:44
S117	310	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and (dual adj side\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:44
S118	4035	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and ((dual or double) adj side \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:45

S119	18398	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and ((dual or double) same side\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:45
S120	49	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and ((dual or double) same (side\$1 adj (array or module)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:46
S121	4	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and ((dual or double) adj (side \$1 adj (array or module)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:56
S122	49	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) and ((dual or double) same (side\$1 adj (array or module)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 15:57

S123	25	"4224081"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 16:14
S124	2	(solar or pv or photovolt \$4 or photoelectric or optoelectronic) same back adj to adj back	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/08 19:07
S125	3	"20040211459"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:17
S126	6	"6448449"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:18



S127	13	"6448489"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 11:18
S128	304	fusion adj bond\$3 near5 (thermoplastic adj resin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:06
S129	5	fusion adj bond\$3 near5 (thermoplastic adj resin) and solar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:06
S130	25	fusion adj bond\$3 near5 (resin) and solar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 15:20

S131	4825	fiber adj optic and solar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 16:58
S132	694	fiber adj optic and solar and photovoltaic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 16:58
S133	1065	fiber and optic and solar and photovoltaic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:01
S134	154	fiber and optic and solar and photovoltaic and "158"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:32

S135	2	plate adj between adj solar adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:35
S136	0	"54099549"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:42
S137	52	"5409549"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:42
S138	5	"6552258"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:54

S139	161	(substrate near10 white) and photovoltaic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:58
S140	77	(substrate near5 white) and photovoltaic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 17:58
S141	193	(PVF or polyvinylfluoride) and alumina and (photovolt\$4 or solar or pv or photoelectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 18:07
S142	2	"20020046765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 20:29

S143	2	"20030010377"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 20:30
S144	2	"20030010377" and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 20:30
S145	25	"4116718"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 20:42
S146	86	(photovolt\$4 or solar or pv or photoelectric) and (white near5 steel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 20:44

S147	13	(silver adj electrode) near10 mirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:34
S148	18071	(electrode) near10 mirror	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:35
S149	731	(electrode) near10 mirror and (photovolt\$4 or solar or pv or photoelctric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:35
S150	526	(electrode) near5 mirror and (photovolt\$4 or solar or pv or photoelctric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:35

S151	0	(electrode) near5 mirror-finish and (photovolt\$4 or solar or pv or photoelectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:35
S152	4	(electrode) near5 mirror-finish\$2 and (photovolt\$4 or solar or pv or photoelectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:35
S153	885	(PVF or polyvinylfluoride) and alumina	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:48
S154	193	(PVF or polyvinylfluoride) and alumina and (photovolt\$4 or pv or photoelectric or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:49

S155	7	((PVF or polyvinylfluoride) same alumina) and (photovolt \$4 or pv or photoelectric or solar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:50
S156	48	((PVF or polyvinylfluoride) same alumina)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:52
S157	929	((PVF or polyvinylfluoride) and (photovolt\$4 or pv or solar or photoelectric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:57
S158	929	((PVF or polyvinylfluoride) and (photovolt\$4 or pv or solar or photoelectric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:57



S159	264	((PVF or polyvinylfluoride) same (photovolt\$4 or pv or solar or photoelectric))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:57
S160	14	((PVF or polyvinylfluoride) same (photovolt\$4 or pv or solar or photoelectric)) and alumina	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 21:58
S161	146	((PVF or polyvinylfluoride) same (photovolt\$4 or pv or solar or photoelectric)) and laminate\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 22:01

**11/10/2009 9:42:30 AM**

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